

RP455W



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Paver

The RP455W paver is a compact wheeled paver with a paving width under 5m, utilising hydraulic drive. Particularly suited for projects with specific quality requirements, such as small-scale roads, urban and rural road construction, and graded highway maintenance. Also accommodates confined working conditions like pavements, service roads, cycle lanes, and trenches.

Performance and characteristics

- **Compact Design:** Ultra-narrow overall width of 1.8 m, ideal for construction in urban residential areas and narrow lanes.
- **Drive System:** Features a front 4 / rear 2 drive configuration with independent left/right drive, electronically controlled variable hydraulic pumps, and travel motors. Provides high automation, agile manoeuvrability, and simple operation.
- **Engine:** Equipped with a Cummins water-cooled turbo-charged diesel engine (93 kW / 2000 rpm), offering ample power reserve, fuel efficiency, low noise, long service life,

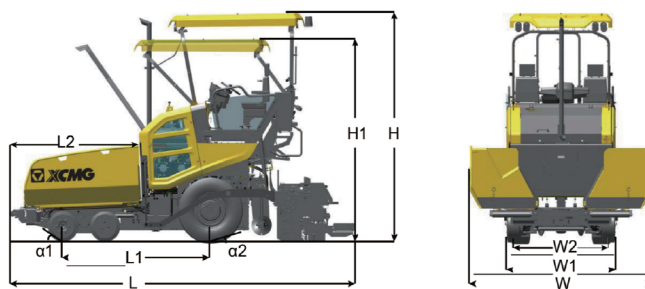
and wide applicability.

- **Hopper:** 10t capacity, designed for wide material storage. The material interface accommodates supply trucks of varying tonnages, ensuring continuous operation.
- **Folding Hopper Sides:** Both sides fold independently with a swing-type pusher, enabling stable material discharge during asymmetric paving and allowing normal paving near obstacles and walls.

Main Dimensions

Unit: mm

Model	L	L1	L2	$\alpha 1$	$\alpha 2$	H	H1	W	W1	W2
RP455W	5380	1770	2000	25	13.5	3720	3170	3250	2015	1610



Main specifications

Item	Unit	Parameter E340T
Basic Paving Width	m	1.8 – 3.4
Maximum Paving Width	m	4.5
Maximum Layer Thickness	mm	260
Maximum Operating Weight	m/min	25
Maximum Driving Speed	km/h	20
Maximum Laydown Rate	t/h	260
Hopper Capacity	t	10
Gradeability	%	20
Flatness (Standard Deviation)	mm	3
Cross Slope Error	%	±0.2
Crown Adjustment Range	%	1 – +4
Diesel Engine Model	-	QSF3.8
Diesel Engine Rated Power	KW	93
Diesel Engine Rated Speed	r/min	2000
Auger Speed	r/min	0 – 90
Conveyor Speed	m/min	0 – 24
Tamper Speed	r/min	0 – 1500
Tamper Amplitude	mm	4
Vibration Frequency	Hz	-
Machine Weight	t	11.5
Diesel Tank Capacity	L	110
Hydraulic Oil Tank Capacity	L	200
Screed Plate Heating Method	-	Electric heating
Heating Generator Power	KW	12
Conveyor Material Level Control Mode	-	Paddle
Spreading Material Level Control Mode	-	Ultrasonic Sensor Automatic Control
Automatic Levelling Control System Mode	-	Analog leveling instrument

Notes:

Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.